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Glucose turnover
Glucose degradation pathway; Acetate turnover; Pool concentration; Homoacetogenesis; Propionate fermentation (Krumböck, M. (85) 247)

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LPS hydroxy fatty acid
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Methane-utilizing bacteria
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Enterobacter; Bacterial release; Risk assessment; Plasmid transfer; Recombinant transposon label, in vitro; Adverse soil effect; Ecological factors (Klingmüller, W. (85) 107)

Plasmid transfer
Enterobacter; *nif* Plasmids; Bacterial release; Risk assessment; Recombinant transposon label, in vitro; Adverse soil effect; Ecological factors (Klingmüller, W. (85) 107)

PL:C conversion factor
Direct extraction; Microbial biomass; Growth (Petersen, S.O. (85) 257)

Polymorphic life cycle
Cyst; Ciliate; *Metopus palaeformis*; Methanogen; Landfill (Finlay, B.J. (85) 169)

Pool concentration
Glucose degradation pathway; Glucose turnover; Acetate turnover; Homoacetogenesis; Propionate fermentation (Krumböck, M. (85) 247)

Population dynamics
Bentonite clay; Predation; Protection; Flagellate; *Rhizobium* (Heijnen, C.E. (85) 65)

Pore size
Bentonite clay; Protective microhabitat; Introduced bacteria (Heijnen, C.E. (85) 73)

Predation
Bentonite clay; Population dynamics; Protection; Flagellate; *Rhizobium* (Heijnen, C.E. (85) 65)

1,2-Propanediol
Anaerobic degradation; Sulfate reduction; *Desulfovibrio alcoholovorans*; Glycerol; 1,3-Propanediol; Interspecies hydrogen transfer (Qatibi, A.I. (85) 233)

1,3-Propanediol
Anaerobic degradation; Sulfate reduction; *Desulfovibrio alcoholovorans*; Glycerol; 1,2-Propanediol; Interspecies hydrogen transfer (Qatibi, A.I. (85) 233)

Propionate fermentation
Glucose degradation pathway; Glucose turnover; Acetate turnover; Pool concentration; Homoacetogenesis (Krumböck, M. (85) 247)

Prorocentrum micans
Dinoflagellate; Gravitaxis; Phototaxis; Phytoplankton; Vertical migration (Eggersdorfer, B. (85) 319)

Protection
Bentonite clay; Population dynamics; Predation; Flagellate; *Rhizobium* (Heijnen, C.E. (85) 65)

Protective microhabitat
Bentonite clay; Pore size; Introduced bacteria (Heijnen, C.E. (85) 73)

Proteinase
Collagen; Lauryl sulfate; *Bacteroides gingivalis* (Bleeg, H.S. (85) 125)

Proteus mirabilis
Cadmium tolerance; Uptake (Andreoni, V. (85) 183)

Protozoa
Gymnamoebae; Spatial distribution; Littoral algae; Bacteria (Rogerson, A. (85) 301)

Pseudomonas fluorescens
Genetic engineering; Survival; Competition; Soil (Van Elsas, J.D. (85) 53)

***Pseudomonas* genetics**
Gene transfer; Dissolved DNA (Stewart, G.J. (85) 1)

Pseudosubstrate
Degradation pathway; Incompatibility; Inhibition kinetics; Resting cell (Adriaens, P. (85) 293)

Psychrophilism
Bacteroidaceae; Oxygen toxicity; Pyruvate oxidase; NADH oxidase; NADPH oxidase (Bentzen, G. (85) 193)

Pyruvate oxidase
Bacteroidaceae; Psychrophilism; Oxygen toxicity; NADH oxidase; NADPH oxidase (Bentzen, G. (85) 193)

Recombinant transposon label, in vitro
Enterobacter; *nif* Plasmids; Bacterial release; Risk assessment; Plasmid transfer; Adverse soil effect; Ecological factors (Klingmüller, W. (85) 107)

Resting cell
Degradation pathway; Incompatibility; Inhibition kinetics; Pseudosubstrate (Adriaens, P. (85) 293)

Rhizobium
Bentonite clay; Population dynamics; Predation; Protection; Flagellate (Heijnen, C.E. (85) 65)

Risk assessment
Enterobacter; *nif* Plasmids; Bacterial release; Plasmid transfer; Recombinant transposon label, in vitro; Adverse soil effect; Ecological factors (Klingmüller, W. (85) 107)

Sediment slurry
Suppressed ion chromatography; Dissimilatory sulfate reduction; Thiosulfate; Headspace technique (Bak, F. (85) 23)

Signature lipid
Methane-utilizing bacteria; Fatty acid; LPS hydroxy fatty acid (Bowman, J.P. (85) 15)

Soil
Genetic engineering; *Pseudomonas fluorescens*; Survival; Competition (Van Elsas, J.D. (85) 53)

Nematophagous fungi; Trapping activity; Formation of trapping organs; 3-Dimensional sticky networks; Fluorescence microscopy; Fluorescein-diacetate (Jensen, C. (85) 207)

Spatial distribution
Gymnamoebae; Protozoa; Littoral algae; Bacteria (Rogerson, A. (85) 301)

Streptomyces
Actinomycetes; Termite; Gut flora (Bignell, D.E. (85) 151)

Substrate inhibition
Nitrobacter; Most Probable Number enumeration; Model formulation; Kinetic parameters (Both, G.J. (85) 335)

Substrate quality
Invertebrate larval settlement inducer; Microbial metabolism; Enzyme characteristics (Kaspar, H.F. (85) 313)

Sulfate reduction
Amino acid; Fermentation; Carbon and nitrogen cycling (Burdige, D.J. (85) 211)

Anaerobic degradation; *Desulfovibrio alcoholovorans*; Glycerol; 1,2-Propanediol; 1,3-Propanediol; Interspecies hydrogen transfer (Qatibi, A.I. (85) 233)

Sulfur compound
Freshwater sediment; Concentration profile; Temperature; Thiosulfate disproportionation (Bak, F. (85) 31)

Suppressed ion chromatography
Dissimilatory sulfate reduction; Thiosulfate; Sediment slurry; Headspace technique (Bak, F. (85) 23)

Surface nutrients
Chemotaxis; *Vibrio*; Oligotrophic environment; Alginate (Malmcrona-Friberg, K. (85) 199)

Survival
Genetic engineering; *Pseudomonas fluorescens*; Competition; Soil (Van Elsas, J.D. (85) 53)

Temperature
Freshwater sediment; Sulfur compound; Concentration profile; Thiosulfate disproportionation (Bak, F. (85) 31)

Termite
Actinomycetes; *Streptomyces*; Gut flora (Bignell, D.E. (85) 151)

Thermophilic bacteria
Iron oxidation; Bacterial diversity (Ghauri, M.A. (85) 327)

Thiosulfate
Suppressed ion chromatography; Dissimilatory sulfate reduction; Sediment slurry; Headspace technique (Bak, F. (85) 23)

Thiosulfate disproportionation
Freshwater sediment; Sulfur compound; Concentration profile; Temperature (Bak, F. (85) 31)

Enrichment culture; Viable count; Bacterial salt requirement; Freshwater sediment (Bak, F. (85) 43)

Trapping activity
Nematophagous fungi; Soil; Formation of trapping organs; 3-Dimensional sticky networks; Fluorescence microscopy; Fluorescein-diacetate (Jensen, C. (85) 207)

Uptake
Cadmium tolerance; *Proteus mirabilis* (Andreoni, V. (85) 183)

V_{max}
Nitric oxide production; Nitric oxide consumption; K_m; Compensation point; Nitrous oxide (Remde, A. (85) 81)

Vertical migration
Dinoflagellate; Gravitaxis; Phototaxis; Phytoplankton; *Prorocentrum micans* (Eggersdorfer, B. (85) 319)

Viability
Nitrite oxidation; *Nitrobacter* species; Most Probable Number technique (Laanbroek, H.J. (85) 269)

Viable count
Enrichment culture; Bacterial salt requirement; Thiosulfate disptoportionation; Freshwater sediment (Bak, F. (85) 43)

Vibrio
Chemotaxis; Oligotrophic environment; Surface nutrients; Alginate (Malmcrona-Friberg, K. (85) 199)